
Subject: Re: State of non-exclusive button

Posted by [R.Bauer](#) on Mon, 03 Sep 2001 08:11:12 GMT

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"K. Bowman" wrote:

>
> How do you get the state (checked or unchecked) of a non-exclusive
> (toggle) button?
>
> According to the Reference Guide there is a SET_BUTTON keyword to
> WIDGET_CONTROL, but no GET_BUTTON keyword. The GET_VALUE keyword
> returns the value of the button *label*. I guess that is consistent
> with using WIDGET_BUTTON(id, VALUE = 'Button Label') to create the
> button, but it seems to me to confuse the notions of 'value' and
> 'label'.
>
> Thanks, Ken

I have a compound widget which might help.

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/cw_buttons.tar.gz

PRO test_event,ev

```
WIDGET_CONTROL,ev.id,get_uval=cmd
WIDGET_CONTROL,ev.top,get_uvalue=b
CASE cmd OF
  'done':WIDGET_CONTROL,ev.top,/dest
  'FF': BEGIN
    WIDGET_CONTROL,ev.id,get_value=v
    print,v.set
    idx=(WHERE(v.set EQ 1,count))[0]
    IF count GT 0 THEN BEGIN

value={value:[strtrim(SINDGEN(idx+1),2)],set:MAKE_ARRAY(idx+ 1,/LONG,value=1)}
    WIDGET_CONTROL,b,set_value=value
    ENDIF
  END

  ELSE:
    ENDCASE
END
PRO test

a=WIDGET_BASE(row=2)
```

```

value={value:['MIN','SPEC','DEFAULT','MAX'],set:[1,0,0,0]}

b=cw_buttons(a,value=value,uvalue='FF',row=1,button_xsize=60
,frame=2,xoffset=0,yoffset=0,button_frame=1)
value={value:['0'],set:[1]}

b=cw_buttons(a,value=value,uvalue='EF',col=2,/nonexclusive,f
rame=2,xoffset=20,yoffset=0,button_frame=1)

d=WIDGET_BUTTON(a,val='done',uval='done')
WIDGET_CONTROL,/realize,a,set_uvalue=b
XMANAGER,'test',a
END

```

regards

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>
